University of Alberta Library
0 1620 2533575 1

For Reference

NOT TO BE TAKEN FROM THIS ROOM

Ex libris
universitatis
albertaeasis

MICROFILM DATE
DRAWING FILE No. NSASR 0486
CENTRAL FILE No.

LEGEND

- EDMONTON - FORT SASKATCHEWAN RESTRICTED DEVELOPMENT AREA BOUNDARY
- OUTLINE OF NORTH SASKATCHEWAN RIVER AND TRIBUTARY CREEK VALLEYS
- SLOPE MOVEMENT AREA
- BOREHOLE LOCATION

MARK	NATURE OF REVISION	DATE	ENG.	DWN.
5				
4				
3				
2				
1				

Alberta ENVIRONMENT — DESIGN AND CONSTRUCTION DIVISION

SUBMITTED	DESIGNED
DATE	CHECKED
APPROVED	DRAWN
DATE	CHECKED

NORTH SASKATCHEWAN RIVER SLOPE STUDY

LOCATION PLAN

SCALE 1:40 000 — SHEET 1 OF 1

DATE JUNE 1986 — FIGURE 1

P1-560 x 860

FORT
RESTRI

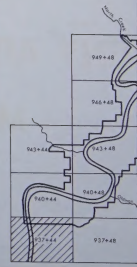
NORTH S

S

RESTRI

NORTH S

SI

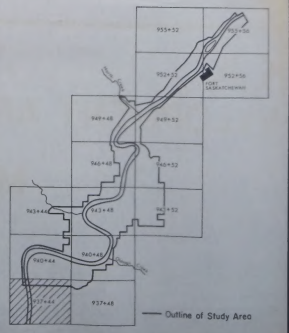


FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600
feet 0 200 500 1000 1500 2000

N

LEGEND

- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 937+44
NORTHEAST EDMONTON

Figure 101

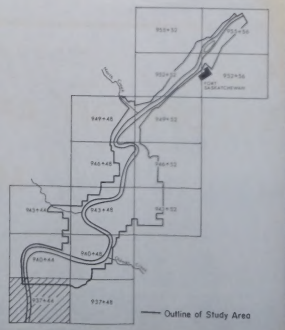
Prepared for: ALBERTA ENVIRONMENT – 1984

PORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 300 400 600

feet 0 200 500 1000 1500 2000

N

LEGEND

- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 937+44
NORTHEAST EDMONTON

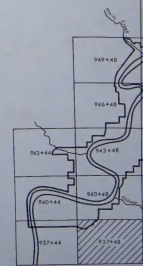
Figure 101

Prepared for: ALBERTA ENVIRONMENT – 1984
Prepared by: ECOLOGICAL LAND SURVEYS LTD.

FORT
RESTRIC

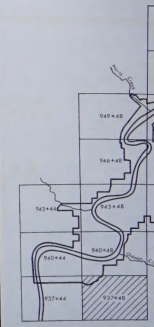
NORTH SA

SL



NORTH S

SI

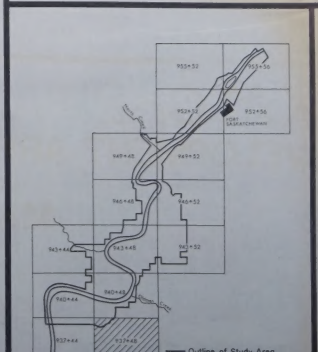


FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600

feet 0 200 500 1000 1500 2000

N

LEGEND

SET-BACK GUIDELINE

APPROXIMATE VALLEY CREST LINE

ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS

INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 937 + 48
53-23-W4

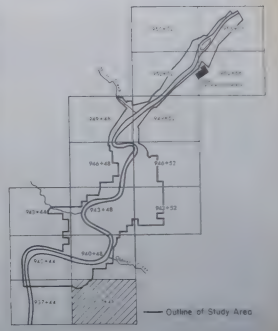
Figure 102

RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES AND SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600

feet 0 200 500 1000 1500 2000

N

LEGEND

SET-BACK GUIDELINE

APPROXIMATE VALLEY CREST LINE

ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS

INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 937 + 48
53-23-W4

Figure 102

Prepared for: ALBERTA ENVIRONMENT – 1984
Prepared by: ECOLOGICAL LAND SURVEYS LTD.

FORT
RESTRIC

NORTH SA

SL

FOR
RESTR

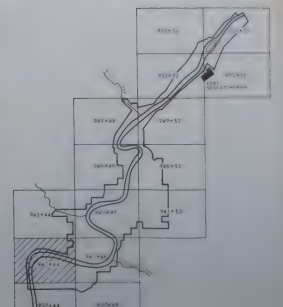
NORTH

FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

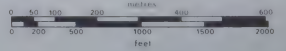
MAP

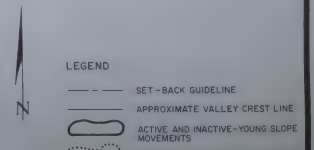
NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000





Cadastral Number: 940+44

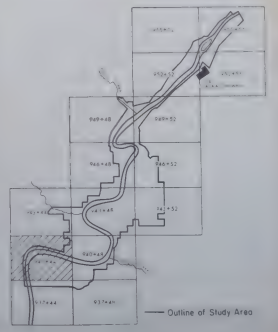
Figure 103

RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES AND SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600

feet 0 200 500 1000 1500 2000

N

LEGEND

SET-BACK GUIDELINE

APPROXIMATE VALLEY CREST LINE

ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS

INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 940+44
53-23-W4

Figure 103

Prepared for: ALBERTA ENVIRONMENT — 1984

Prepared by: ECOLOGICAL LAND SURVEYS LTD.

FORT
RESTRICT

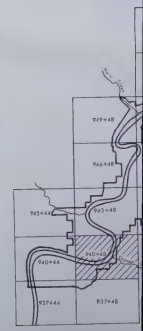
NORTH SA

SLO

RESTRIC

NORTH SA

SLO

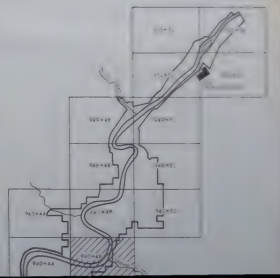


FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres

0 100 200 300 400 500 600

0 200 500 1000 1500 2000

feet

N

LEGEND

SET-BACK GUIDELINE

APPROXIMATE VALLEY CREST LINE

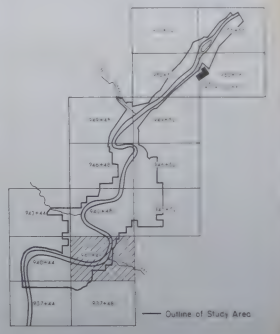
ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS

FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600

feet 0 200 500 1000 1500 2000

N

LEGEND

- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 940+48
53-23-W4

Figure 104

Prepared for: ALBERTA ENVIRONMENT – 1984
Prepared by: ECOLOGICAL LAND SURVEYS LTD.

FORT
RESTRIC

NORTH S

SI

RESTRIC

NORTH S

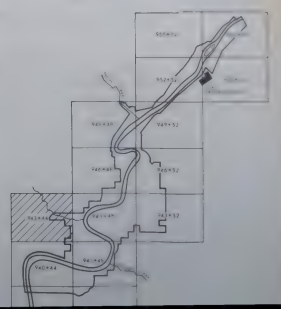
S

FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

0 50 100 200 300 400 600
0 200 500 1000 1500 2000
feet

N

LEGEND

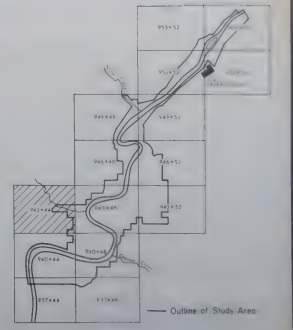
- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600

feet 0 200 500 1000 1500 2000

N

LEGEND

- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 943+44
53 & 54-23-W4

Figure 105

Prepared for: ALBERTA ENVIRONMENT — 1984
Prepared by: ECOLOGICAL LAND SURVEYS LTD.

FOR
REST

NORTH

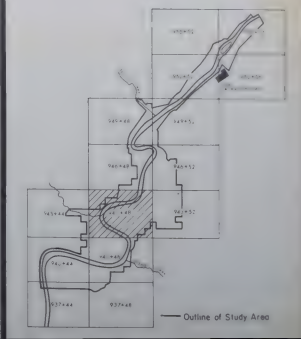
RIVER
SM-01
SM-02
SM-03
SM-04
SM-05
SM-06
SM-07
SM-08
SM-09
SM-10
LOW LEVEL TERRACE
LOW LEVEL TERRACE
LOW LEVEL TERRACE
LOW LEVEL TERRACE
POINTE-AUX-PINS CREEK
NO

FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600

feet 0 200 500 1000 1500 2000

N

LEGEND

SET-BACK GUIDELINE

APPROXIMATE VALLEY CREST LINE

ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS

INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 943+48
53 & 54-23-W4

Figure 106

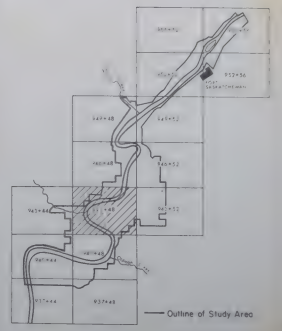
Prepared for: ALBERTA ENVIRONMENT – 1984

FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600

feet 0 200 500 1000 1500 2000

N

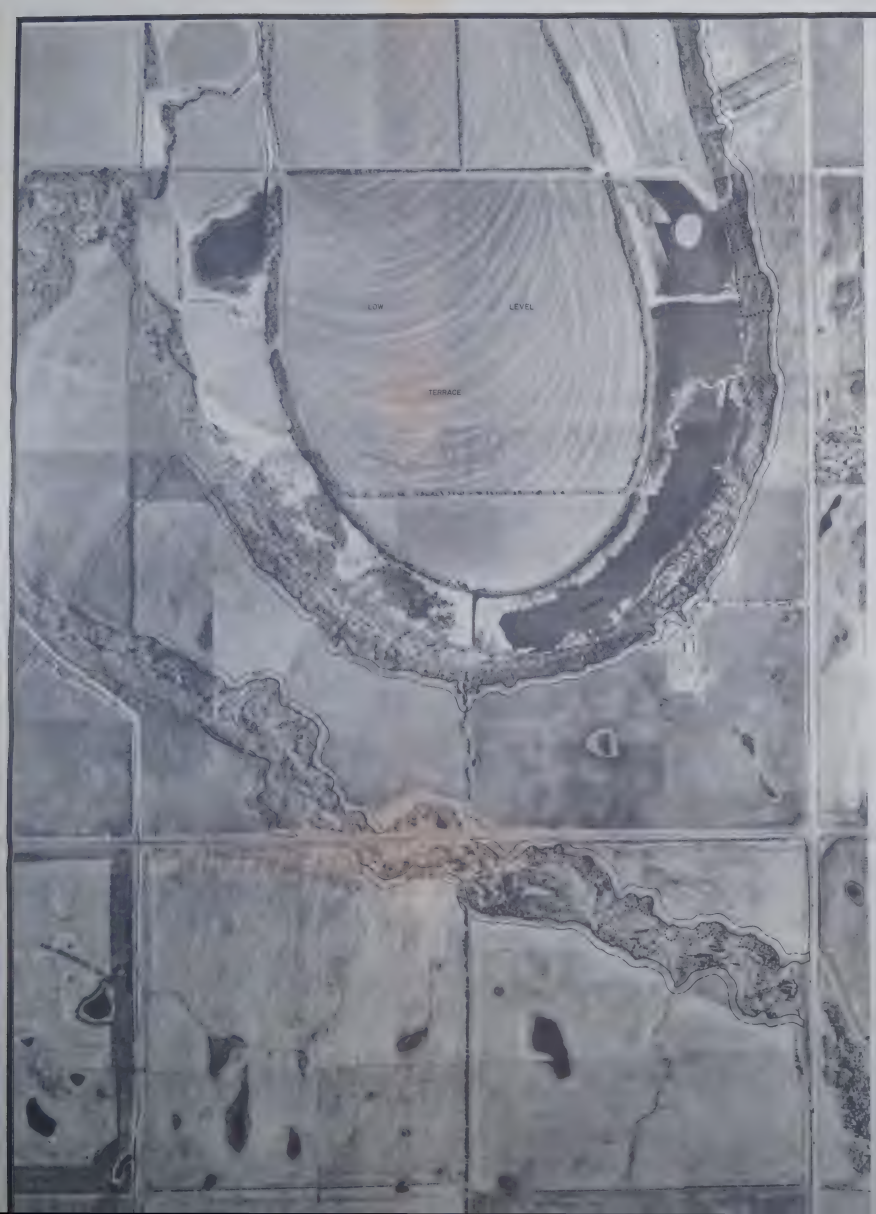
LEGEND

- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 943+48
53 & 54-23-W4

Figure 106

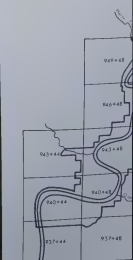
Prepared for: ALBERTA ENVIRONMENT – 1984
Prepared by: ECOLOGICAL LAND SURVEYS LTD.

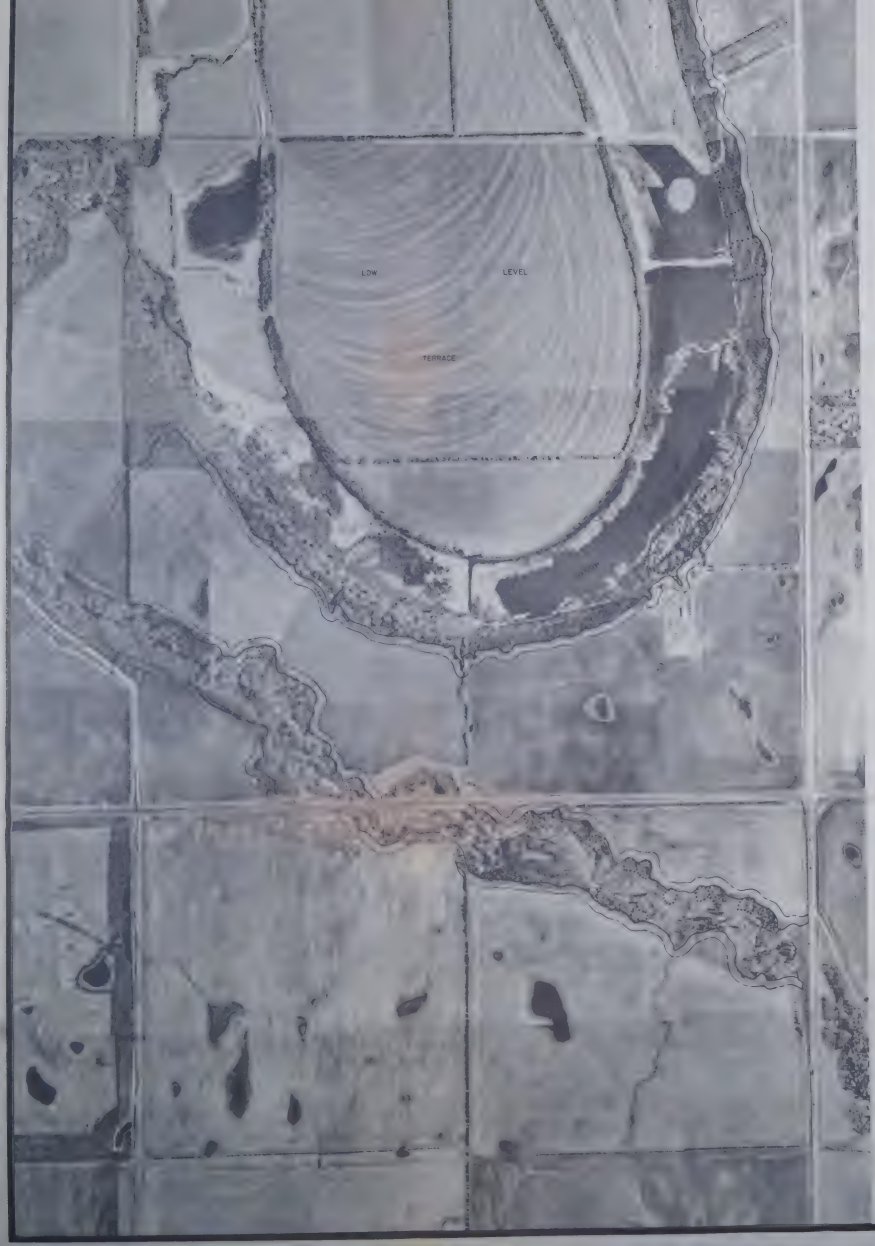


FORT
RESTRIC

NORTH SA

SE

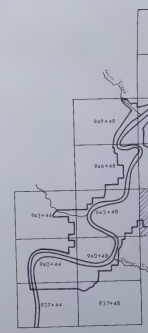




FORT
RESTRICT

NORTH SAS

SLO

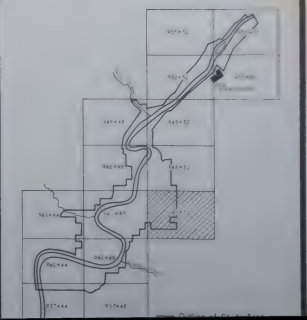


FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600

feet 0 200 500 1000 1500 2000

N

LEGEND

- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 943+52

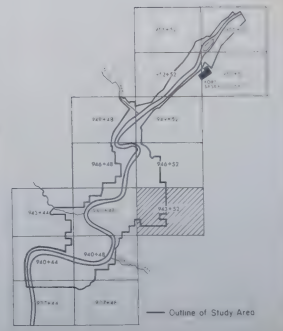
Figure 1-07

FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600

0 200 500 1000 1500 2000 feet

N

LEGEND

SET-BACK GUIDELINE

APPROXIMATE VALLEY CREST LINE

ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS

INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 943+52
53 & 54-23-W4

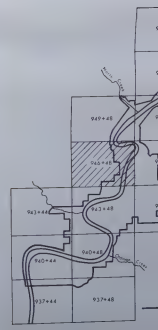
Figure 107

Prepared for: ALBERTA ENVIRONMENT — 1984
Prepared by: ECOLOGICAL LAND SURVEYS LTD.

FORT
RESTRICT

NORTH SAS

SLOP



RESTRICT

NORTH SAS

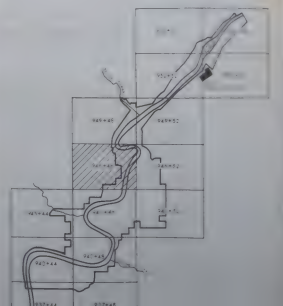
SLO

FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 300 400 600

feet 0 200 500 1000 1500 2000

N

LEGEND

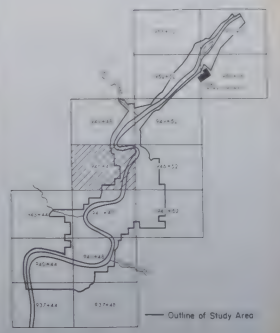
- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Numbers

FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA
MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600

feet 0 200 500 1000 1500 2000

N

LEGEND

- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 946+48
54-23-W4

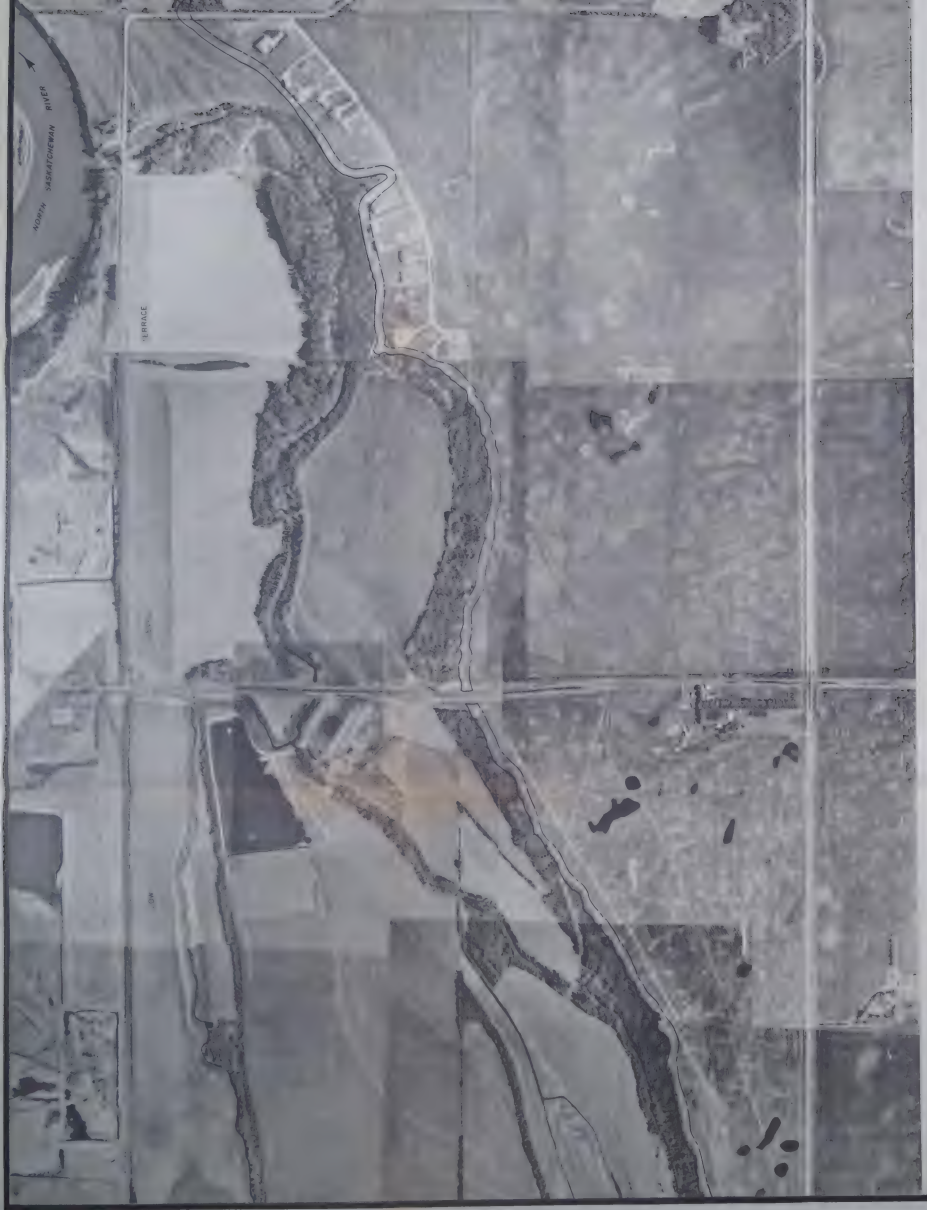
Figure 108

Prepared for: ALBERTA ENVIRONMENT — 1984
Prepared by: ECOLOGICAL LAND SURVEYS LTD.

FORT
RESTRIC

NORTH SA

SLO



RESTRIC

NORTH S

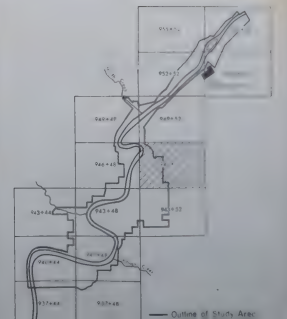
S

FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres
0 50 100 200 400 600
0 500 1000 1500 2000
feet

N

LEGEND

SET-BACK GUIDELINE

APPROXIMATE VALLEY CREST LINE

ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS

INACTIVE - MATURE SLOPE MOVEMENTS

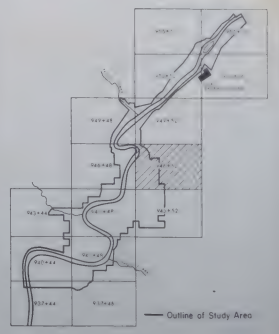
Cadastral Number: 946+52
54-23-W4

Figure 109

RESTRICTED DEVELOPMENT AREA MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres
0 200 500 1000 1500 2000

feet

LEGEND

- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 946+52
54-23-W4

Figure 109

Prepared for: ALBERTA ENVIRONMENT – 1984
Prepared by: ECOLOGICAL LAND SURVEYS LTD.

FORT
RESTRIC

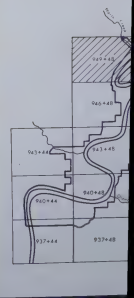
NORTH S

S

PORT
RESTRIC

NORTH SA

SL

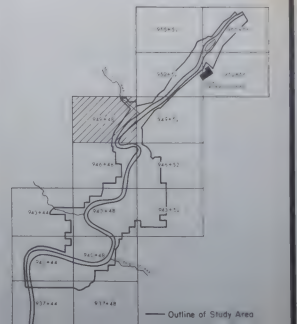


FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600

feet 0 200 500 1000 1500 2000

LEGEND

SET-BACK GUIDELINE

APPROXIMATE VALLEY CREST LINE

ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS

INACTIVE-MATURE SLOPE MOVEMENTS

N

Cadastral Number: 949+48
54-23-W4

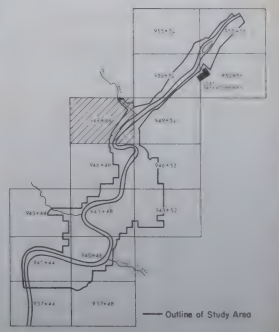
Figure 11D

FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600

feet 0 200 500 1000 1500 2000

N

LEGEND

- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 949+48
54-23-W4

Figure 110

Prepared for: ALBERTA ENVIRONMENT — 1984
Prepared by: ECOLOGICAL LAND SURVEYS LTD.

FORT
RESTRIC

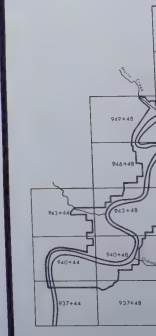
NORTH SA

SLC

FORT
RESTRIC

NORTH SA

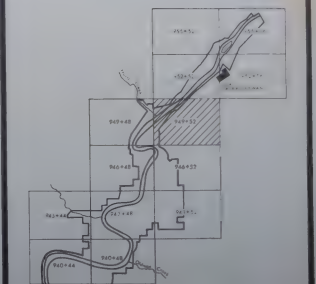
SLO



FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA
MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600

feet 0 200 500 1000 1500 2000

N

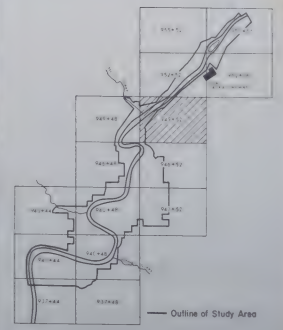
LEGEND

- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

RESTRICTED DEVELOPMENT AREA MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600

feet 0 200 500 1000 1500 2000

N

LEGEND

- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 949+52
FORT SASKATCHEWAN

Figure 111

Prepared for: ALBERTA ENVIRONMENT – 1984
Prepared by: ECOLOGICAL LAND SURVEYS LTD.

FORT
RESTRICT

NORTH SA

SL

RESTRIC

NORTH SA

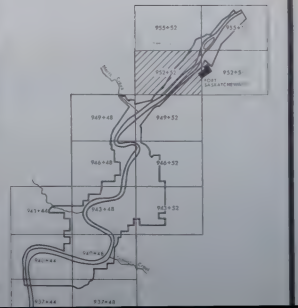
SL

FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600

feet 0 500 1000 1500 2000

N

LEGEND

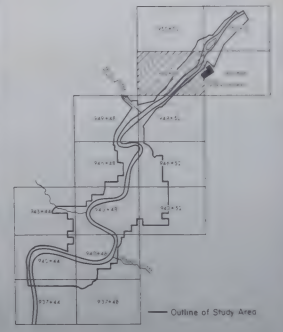
- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 952+52

FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA
MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600
feet 0 200 500 1000 1500 2000

N

LEGEND

- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 952+52
FORT SASKATCHEWAN

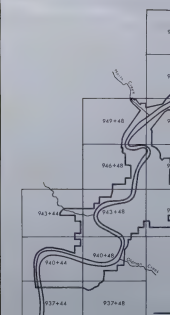
Figure 112

Prepared for: ALBERTA ENVIRONMENT – 1984
Prepared by: ECOLOGICAL LAND SURVEYS LTD.

FORT
RESTRIC

NORTH SA

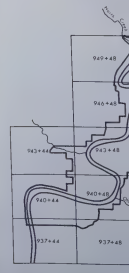
SLO



FORT
RESTRIC

NORTH SA

SL

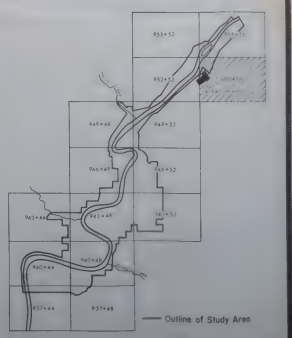


FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

0 50 100 200 400 600
0 200 600 1000 1500 2000
feet

N

LEGEND

SET-BACK GUIDELINE

APPROXIMATE VALLEY CREST LINE

ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS

INACTIVE-MATURE SLOPE MOVEMENTS

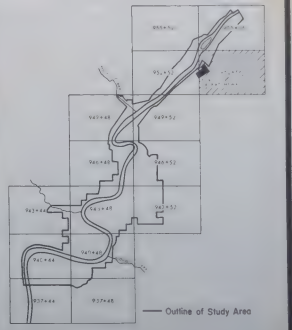
Cadastral Number: 952+56 Figure 113
FORT SASKATCHEWAN
Prepared for: ALBERTA ENVIRONMENT - 1984

FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

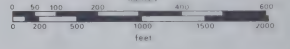
MAP

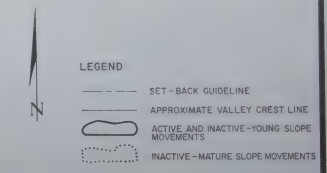
NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000





Cadastral Number: 952+56
FORT SASKATCHEWAN

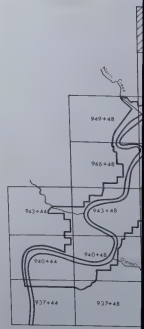
Figure 113

Prepared for: ALBERTA ENVIRONMENT — 1984
Prepared by: ECOLOGICAL LAND SURVEYS LTD.

FORT
RESTRICT

NORTH SA

SLO



FOR
RESTRIC

NORTH SA

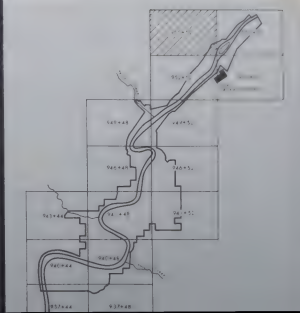
SL

FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

feet

LEGEND

- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 955+52

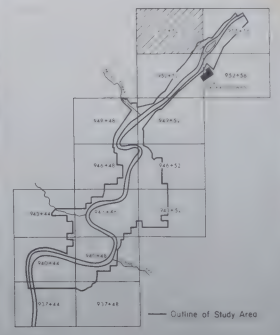
Figure 1.2

FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600
feet 0 200 500 1000 1500 2000

N

LEGEND

- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 955+52
FORT SASKATCHEWAN

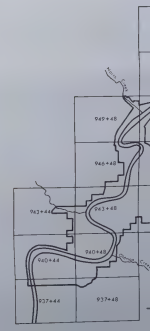
Figure 114

Prepared for: ALBERTA ENVIRONMENT – 1984
Prepared by: ECOLOGICAL LAND SURVEYS LTD.

FORT
RESTRICT

NORTH SAS

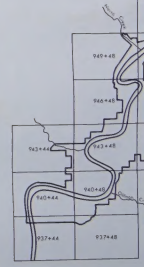
SLO



FORT
RESTRIC

NORTH SA

SLO

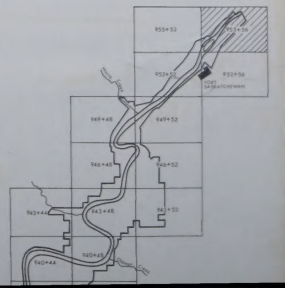


FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA

MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600

feet 0 200 500 1000 1500 2000

N

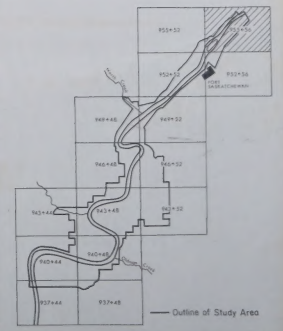
LEGEND

- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

FORT SASKATCHEWAN
RESTRICTED DEVELOPMENT AREA
MAP

NORTH SASKATCHEWAN RIVER SLOPE STUDY

SET-BACK GUIDELINES
AND
SLOPE MOVEMENT LOCATIONS



Scale 1:5000

metres 0 50 100 200 400 600

feet 0 200 500 1000 1500 2000

N

LEGEND

- SET-BACK GUIDELINE
- APPROXIMATE VALLEY CREST LINE
- ACTIVE AND INACTIVE-YOUNG SLOPE MOVEMENTS
- INACTIVE-MATURE SLOPE MOVEMENTS

Cadastral Number: 955 + 56
FORT SASKATCHEWAN

Figure 115

Prepared for: ALBERTA ENVIRONMENT – 1984
Prepared by: ECOLOGICAL LAND SURVEYS LTD.

B45573